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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of:

Michael Harke Date: April 14, 2004

Serial No.: 10/645,296 Group Art Unit: 2834

Filed: August 21, 2003 Confirmation No.: 7194

For: POSITION ESTIMATION AND DEMAGNETIZATION DETECTION OF A

PERMANENT MAGNET MOTOR

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### SUBMISSION OF FORMAL DRAWINGS

Sir:

Enclosed please find 4 sheets of formal drawings containing Figs. 1 through 8 for the above-identified application to replace those originally filed. No new matter has been added. Entry is respectfully requested.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 14, 2004:

Brendan J. Kennedy

Name of applicant, assignee or Registered Representative

Signature April 14, 2004

Date of Signature

BJK:gl Enclosure Respectfully submitted,

Brendan J. Kenned

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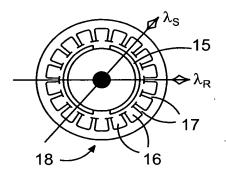


FIG. 1

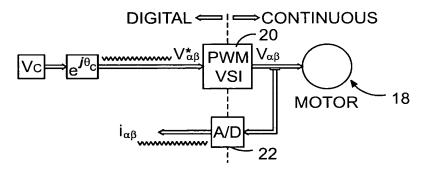


FIG. 2

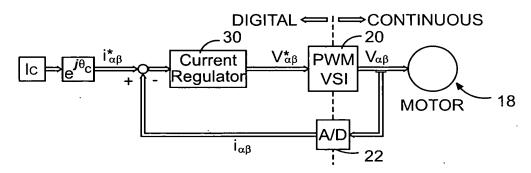


FIG. 3



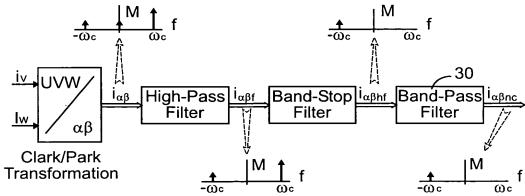


FIG. 4

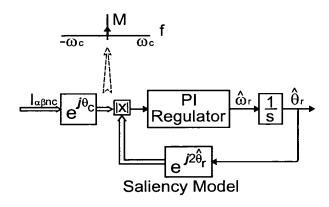
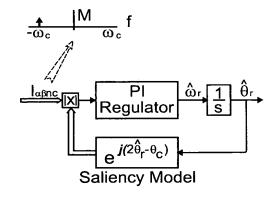


FIG. 5A



FI.G 5B



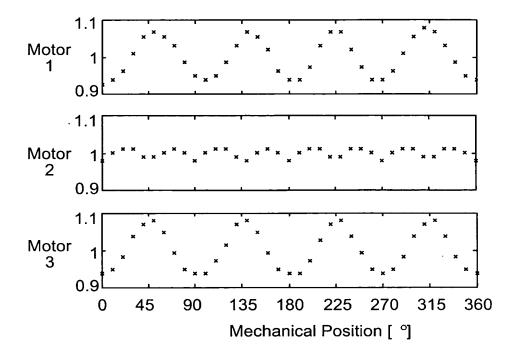


FIG. 6

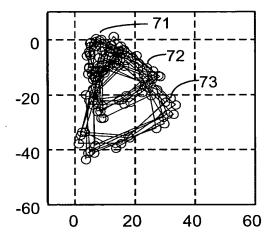


FIG. 7



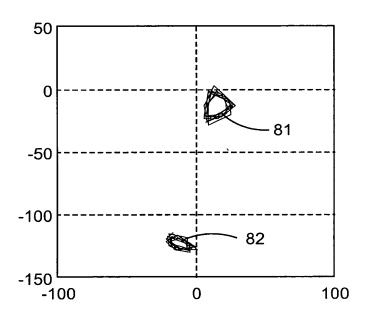


FIG. 8